

CHERNOVODIK, A.B.

Antibacterial properties of erythromycin and furazolidon. Zdrav.
Belor. 6 no.8:46-47 Ag '60. (MIRA 13:9)

1. Dnepropetrovskiy institut epidemiologii, mikrobiologii i
gigiyeny (direktor A.S. Gromov).
(ERYTHROMYCIN) (NITROFURAZONE)

CHERNOVORDIK, A.B.; BARSKAYA, M.S.

Effect of streptomycin on the carrying of enteropathogenic coli
bacilli resistant to this antibiotic. Antibiotiki 6 no.4:339-342
Ap '61. (MIRA 14:5)

1. Mikrobiologicheskaya laboratoriya (zav. A.B.Chernomordik)
Dnepropetrovskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i gigiyeny imeni N.F.Gamalei.
(STREPTOMYCIN) (ESCHERICHIA COLI)

SPIVAK, G.V.; NIKOLENKO, V.F.; CHERNOMORDIK, A.B.; KARAKASH, R.I.

Studies on the antimicrobial effects of certain antibiotics on the whooping cough bacillus. Antibiotiki 6 no.4:350-352 Ap '61.
(MIRA 14:5)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut epidemiologii,
mikrobiologii i gigiyeny imeni N.F.Gamalei.
(ANTIBIOTICS) (HEMOPHILUS PERTUSSIS)

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CIA-RDP86-00513R000308520016-6

CHERNOMORDIK, A.B.; SPIVAK, G.V.; NIKOLENKO, V.F.

Sensitivity of pertussal bacteria to erythromycin, monomycin and
biomycin. Lab. delo 7 no.12:40-42 D '61. (MIRA 14:11)

1. Dnepropetrovskiy institut epidemiologii, mikrobiologii i
gigiyeny. (HEMOPHILUS PERTUSSIS) (ANTIBIOTICS)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOGORODIK, A.B.

Stability of aqueous erythromycin solutions during storage. Apt.
dated 10 no. 3:58-59 My-Je '61. (MIRA 14:7)

1. Iz mikrobiologicheskoy laboratorii Dnepropetrovskogo nauchno-
issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny.
(ERYTHROMYCIN)

CHERNOVODIK, A.B.; KOVALENKO, A.D.

Antimicrobial activity of nitrofuran preparations: furazolidone,
furadonin and furacillin. Sov. med. 25 no.7:138-140 J1 '61.
(MIRA 15:1)
1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i
gigiyeny.
(FURAN)

KOVALENKO, A.D.; CHERNOVODIK, A.B.

Effect of some antimicrobial preparations on the development
of colimycin resistance in colienteriti pathogens. Antibiotiki
6 no.11:1021-1025 N '61. (MIRA 15:3)

1. Mikrobiologicheskaya laboratoriya Dnepropetrovskogo instituta
epidemiologii, mikrobiologii i gigiyeny.
(ESCHERICHIA COLI) (ANTIBIOTICS)

CHERNOMORDIK, A.B.; KOVALENKO, A.D.; ANDREYENKO, M.M.

Sensitivity of *Salmonella* to some antibiotics and nitrofuran preparations. *Antibiotiki* 6 no.8:735-738 Ag '61. (MIRA 15:6)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut
epidemiologii, mikrobiologii i gigiyeny.
(SALMONELLA) (ANTIBIOTICS) (FURAN)

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CIA-RDP86-00513R000308520016-6

PONOMAREVA, V.G.; CHERNOGORIK, A.B.

Development of resistance to some antibiotics in diphtherial bacteria.
Antibiotiki 7no.6:556-560 Je '62. (MIRA 15:5)
(ANTIBIOTICS) (CORYNEBACTERIUM DIPHTHERIAE)

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CIA-RDP86-00513R000308520016-6"

CHERNOGORODIK, A.B.

Unsuccessful simplifications. Lab. delo 8 no.10846-48 '62
(MIRA 17s4)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii
i mikrobiologii.

PADALKA, B.Ya.; KORMANOVA, Ye.Ye.; CHERNOGORODIK, A.B.; LUKACH, I.G.;
BASS, T.M.

Materials on the etiology, clinical aspects and rational
antibiotic therapy of chronic ulcerative colitis. Vrach. delo
no.10:99-103 0 '63. (MIRA 17:2)

1. Kafedra infektsionnykh bolezney (zav. - prof. B.Ya.
Padalka) Kiyevskogo meditsinskogo instituta i otdel anti-
biotikov (zav. - doktor biologicheskikh nauk A.B. Cherno-
mordik) Kiyevskogo instituta epidemiologii i mikrobiologii.

CHERNOGRADIK, A.B.; LUKACH, I.G.; SHAVORSKAYA, L.G.

Synergistic effect of some antimicrobial preparations on
Proteus. Antibiotiki 8 no. 11:1031-1033 N '63. (MTRA 17:9)

1. Otdel antibiotikov Kiyevskogo instituta epidemiologii i
mikrobiologii.

CHERNOVORDIK, A.B.; RAZUMNAYA, V.P.; ZAK, S.I.

Use of antibiotic-resistant colibacterin in intestinal infections. Zdrav. Bel. 9 no.8:9-11 Ag'63 (MIRA 17:3)

1. Iz otdela antibiotikov (zav. - doktor biolog. nauk A.B. Chernomordik) Kiyevskogo instituta epidemiologii i mikrobiologii.

CHERNOGORIK, A.B.; GAVRISHOVA, N.A.

Development of resistance in Bac. pyocyaneus to some antibiotics.
Antibiotiki 9 no.1:60-62 Ja '64. (MIRA 18:3)

1. Otdel antibiotikov Kiyevskogo instituta epidemiologii i
mikrobiologii.

CHERNOVODIK, A.B.; FILOSOFOVA, T.G.; SHAVORSKAYA, L.D.

Sensitivity of diphtheria bacteria to the macrolide antibiotics;
erythromycin, oleandomycin and sekazin. Antibiotiki 9 no.2:170-
172 F '64.
(MIRA 17:12)

1. Otdel antibiotikov Kiyevskogo instituta epidemiologii i
mikrobiologii.

CHER NOMORDIK, A.B.; BASS, T.M.; BASS, M.A.; KOVALENKO, F.N.; ZAVADSKAYA, TS.Ye.

Neomycin-resistant forms of colienterites in children and their
treatment. Antibiotiki 10 no.9:859-861 S '65.

(MIRA 18:9)

l. Otdel antibiotikov Kiyevskogo instituta epidemiologii i
mikrobiologii.

L 46197-66 EWT(1)/T JK

ACC NR: AR6011882 SOURCE CODE: UR/0299/65/000/0022/B037/B037

AUTHOR: Illarionova, R. P.; Skripnik, L. I.; Rogozhina, A. P.; Chernomordik, A. B.; Lukach, I. G.

TITLE: Isolation and properties of a new pigmented antibiotic

SOURCE: Ref. zh. Biologiya, Abs. 22B253

REF SOURCE: Sb. Antibiotiki. Kiev, Zdorov'ya, 1965, 76-80

TOPIC TAGS: antibiotic, bacteriology, soil bacteriology

ABSTRACT: An actinomycete producing the new P-125 antibiotic has been isolated from the chernozem soils of Poltavsk Oblast. The producer culture forms a gray aerial mycelium and a violet substrate mycelium in synthetic media, and in organic medium No. 2 the culture develops a violet-brown substrate mycelium that colors the medium slightly brown; the spore carriers are straight. This strain is classified with the Violaceus series on the basis of culture and morphological indices; species identification has not been established. Liquid organic medium No. 2 is favorable for the formation of P-125. The culture liquid was saturated with sodium chloride and acidified to pH 3.0 to isolate P-125. Then a sediment was obtained containing mycelium and antibiotic

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ACC NO AR6011882

precipitated from the culture liquid. The sediment was extracted three times with acetone and boiled down. P-125 was extracted with chloroform from the aqueous-acetone solution. The extract was concentrated and precipitated with petroleum ether or benzene. The preparation in appearance is a dark-red amorphous powder. P-125 has index properties; the UV absorption spectrum is 230 and 495 millimicrons in methanol and 315, 415 and 490 millimicrons in butanol. P-125 can be differentiated from violarin, litmocidin and antibiotic 770-M by its chromatographic properties and UV spectra. P-125 closely resembles rubidine. P-125 is classified as a new chemical compound of the rubromycin-griseorodine group. It is active in relation to gram positive bacteria and acid resistant bacteria. T. Maksimova. [Translation of abstract].

SUB CODE: 06

140
Card 2/2

CHERNOVODIK, A.I.

Treatment of trophic ulcers by transplantation of preserved skin heterografts [with summary in English]. Khirurgiia 33 no.7:97-103
Jl '57. (MIRA 10:11)

1. Iz 1-y khirurgicheskoy kafedry (zav. kafedroy - deystviteľnyy chlen AMN SSSR, zasluzhennyj deyatel' nauki prof. V.R.Braytsev) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva) na baze TSentral'noy klinicheskoy bol'ницы Ministerstva putej soobshcheniya im. N.A.Semashko (nach. V.P.Akopov)

(IMG, ulcers
trophic, transpl. of skin heterografts)
(SKIN TRANSPLANTATION
heterografts in trophic leg ulcers)

CHERNOVODIK, A.S.

A case of total restoration of the electrosensitivity of a tooth following trauma. Stomatologija 38 no.3:76-77 My-Je '59. (MIRA 12:8)

1. Is kafedry ortopedicheskoy stomatologii (zav. - prof. V.Yu.Kurlyandskiy) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N.Beletskiy).
(TEETH--WOUNDS AND INJURIES)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308520016-6

CHERNOVODIK, A.V.

CHERNOVODIK, A.V.

The bacteriophage of *Pseudomonas aeruginosa*. Zhur.mikrobiol.epid.
i immun., supplement for 1956:8 '57 (MIRA 11:3)
(BACTERIOPHAGE) (PSEUDOMONAS AERUGINOSA)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308520016-6"

CHERNOVODIK, A. Ye.

"Changes in the Acid-Alkali Metabolism During Whooping Cough." Sub 25
Jan 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow
during 1951.

SO: Sum. No. 480, 9 May 55:

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOMORDIK, A.Ye., kandidat meditsinskikh nauk (Moscow)

Whooping cough and its prevention. Med. sestra, no.9:8-11
S '54. (MIRA 7:9)
(WHOOPING COUGH)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOHORDIK, A.Ye.

Clinical role of paper electrophoresis of serum proteins in acute infections in children; review of literature and preliminary data from examinations of children with scarlet fever. Pediatriia no.3: 49-56 Mr '57.
(MIRA 10:10)

1. Iz Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR O.V.Sokolova-Ponomareva), kliniki ostrykh detskikh infektsiy i biokhimicheskoy laboratorii (rukovediteli - chlen-korrespondent AMN SSSR A.I.Dobrokhотова i doktor biologicheskikh nauk N.F. Tolkaсhevskaya)
(ELECTROPHORESIS) (BLOOD PROTEINS)

CHEHNOMORDIK, A.Ye.

Change in a proteinogram of the blood serum in children with influenza. Vop. okh. mat. i det. 5 no. 3:17-I9 My-Je '60.

(MIRA 13:7)

1. Iz otdela detskikh infektsiy (zav. - chlen-korrespondent AMN SSSR prof. A.I. Dobrokhotova [deceased]) Instituta pediatrii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. O.D. Sokolova-Ponomareva), na baze 2-y detskoy klinicheskoy bol'nitsy imeni I.V. Rusakova (glavnnyy vrach - zasluzhennyy vrach RSFSR V.A. Krushkov).

(INFLUENZA) (BLOOD PROTEINS)

CHERNOVODRIK, A.Ye., kand.med.nauk

Some data on changes in the proteinogram of the blood serum
in acute infections in children. Pediatriia 39 no.4:56-61
Ap '61. (MIRA 14:4)

1. Iz otdela ostrykh detskikh infektsii (zav. - chlen-korrespondent
AMN SSSR prof. A.I. Dobrokhотова [deceased]) Instituta pediatrii
AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. G.D. Sokolova-
Ponchareva) na baze 2-y gorodskoy detskoy konicheskoy bol'nitsy
imeni A.V. Rusakova (glavnnyy vrach - zasluzhennyy vrach RSFSR
V.A. Kruzhkov).

(PEDIATRICS) (BLOOD PROTEINS)

POLYAKOV, V.G., ZHUKOVA, M.P., inzhener-kolorist; CHERNOMORDIK, A.Z., inzhener-khimik; SAVEL'YEV, A.V., master

Development of the 43M phthalocyanogen dye on fibers. Tekst.prom. no.2:
63-64 F '63. (MIRA 16:4)

1. Starshiy inzhener khimicheskoy laboratorii fabriki Bol'shaya Ivanovskaya manufaktura (for Polyakov). 2. Fabrika Bol'shaya Ivanovskaya manufaktura (for Zhukova, Chernomordik). 3. Pechatnaya laboratoriya fabriki Bol'shaya Ivanovskaya manufaktura (for Savel'yev).
(Dyes and dyeing—Textile fibers)

YAKIMOV, G.I.; CHERNOGORODIK, A.Z., Khimik

Dyeing staple fiber fabrics treated with the KMTS
sizing. Tekst.prom. 19 no.12:67-69 D '59. (MIRA 13:3)

1. Zaveduyushchiy khimicheskoy laboratoriyy fabriki Bol'-
shaya Ivanovskaya Manufaktura (for Yakimov). 2. Khimicheskaya
laboratoriya fabriki Bol'shaya Ivanovskaya Manufaktura (for
Chernomordik).

(Dyes and dyeing--Cotton) (Cotton sizing)

YAKIMOV, G.I.; CHERNOMORDIK A.Z., inzh.-khimik; KUZNETSOV, A.V.

Use of hydrogen peroxide for the preparation of starch
thickeners. Tekst, prom. 21 no.10:62-63 O '61.

(MIRA 14:10)

1. Zaveduyushchiy khimicheskoy laboratoriyyey fabriki Bol'shaya
Ivanovskaya manufaktura (for Yakimov). 2. Khimicheskaya
laboratoriya fabriki Bol'shaya Ivanovskaya manufaktura (for
Chernomordik). 3. Starshiy master pechatnoy laboratorii
fabriki Bol'shaya Ivanovskaya manufaktura (for Kuznetsova).
(Textile printing)
(Thickening agents)

YEGOROV, N.V.; SOKOLOVA, N.A.; CHERNOMORDIK, A.Z., inzh.-khimik

Experiment in the use of "Carbazon O" preparation. Tekst.prom.
23 no.8:74-76 Ag '63. (MIRA 16:9)

1. Glavnyy inzhener fabriki Bol'shaya Ivanovskaya manufaktura (BIM)
(for Yegorov). 2. Nachal'nik khimicheskoy laboratorii fabriki
Bol'shaya Ivanovskaya manufaktura (BIM) (for Sokolova). 3. Laboratoriya
fabriki Bol'shaya Ivanovskaya manufaktura (BIM) (for Chernomordik).
(Sizing (Textile))

SOKOLOVA, N.A.; CHERNOMORDIK, A.Z., inzh.-khimik; ZHUKOVA, M.P., kolorist.

Use of procion dyes in resist printing for black anilin imitation.
Tekst. prom. 24 no.7:67..68 Jl '64. (MIRA 17:10)

1. Nachal'nik khimicheskoy laboratorii fabriki Bol'shaya Ivanovskaya manufaktura (for Sokolova). 2. Laboratoriya fabriki Bol'shaya Ivanovskaya manufaktura (for Chernomordik). 3. Fabrika Bol'shaya Ivanovskaya manufaktura (for Zhukova).

YEGOROV, N.V.; SOKOLOVA, N.A.; CHERNOMORDIK, A.Z., inzh.-khimik;
ZAYTSEVA, N.I., inzh.-khimik

New method of printing with pigments prepared on silicate
thickeners with metazine and SVKh-1 latex. Tekst. prom.
24 no.10:64-66 O '64.
(MIRA 17:12)

1. Glavnyy inzh. fabriki Bol'shaya Ivanovskaya manufaktura im. Varentsovoy (for Yegorov).
2. Nachal'nik khimicheskoy laboratorii fabriki Bol'shaya Ivanovskaya manufaktura im. Varentsovoy (for Sokolova).
3. Khimicheskaya laboratoriya fabriki Bol'shaya Ivanovskaya manufaktura im. Varentsovoy (for Chernomordik, Zaytseva).

CHERNOMORDIK, B.

Navigational characteristics of the Ob' River below the Novosibirsk
Hydroelectric Power Station. Rech. transp. 20 no. 1:35-37 Ja '61.
(MIRA 14:2)

1. Glavnnyy gidrolog Obskogo basseynovogo upravleniya puti.
(Ob' River—Inland navigation)

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CIA-RDP86-00513R000308520016-6

CHERNOMORDIK, B. L.

Complications Resulting from Transfusions of Placental Blood, extract from the
author's dissertation, The Scientific Research Institute of Blood Transfusion in
Leningrad, 1950.

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CIA-RDP86-00513R000308520016-6"

CHERNOMORDIK, B.L., kand.med.nauk

Preservation of the blood of cadavers with antiseptics. Akt.vop.perel.
krovi no.4;84-87 '55. (MIRA 13:1)

1. Laboratoriya trupnoy krovi Leningradskogo instituta perelivaniya
krovi. (BLOOD--COLLECTION AND PRESERVATION)

CHERNOMORDIK, B.L., kand.med.nauk

Blood groups in twins. Akt.vop.perel.krovi no.4:113-116 '55.

(MIRA 13:1)

1. Syvorotchnaya laboratoriya Leningradskogo instituta perelivaniya
krovi (zav. laboratoriye - starshiy nauchnyy sotrudnik T.G. Solov'-
yeva).

(BLOOD GROUPS)

(TWINS)

KISELEV, A.Ye., dots.; SOLOV'YEVA, T.G., starshiy nauchnyy sotrudnik;
CHERNOGORODIK, B.L., kand.med.nauk

Further observations on the treatment of hemolytic disease of the
newborn by exchange blood transfusion. Akt.vop.perel.krovi no.4;
121-123 '55. (MIRA 13:1)
(ERYTHROBLASTOSIS FETALIS) (BLOOD--TRANSFUSION)

CHERNOGORODIK, B.L., kand.med.nauk

Technic for direct and return transfusion of blood. Akt.vop.perel.
krovi no.4:128-130 '55. (MIRA 13:1)

1. Khirurgicheskaya klinika Leningradskogo instituta perelivaniya
krovi (nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR, prof.
A.N. Filatov).

(BLOOD--TRANSFUSION)

CHERNOMORDIK, B.L., kand.med.nauk

Hemostatic effect of direct blood transfusions in profuse hemorrhages
of hemophilic patients. Akt.vop.perel.krovi no.6:146-150 '58.

1. Khirurgicheskaya klinika (zav. klinikoy - chlen-korrespondent
AMN SSSR prof. A.N. Filatov) i hematologicheskaya klinika (zav.
klinikoy - prof. S.I. Sherman) Leningradskogo instituta perelivaniya
krovi.

(BLOOD--TRANSFUSION)

(HEMOPHILIA)

(MIRA 13:1)

CHERNOGORODIK, B.L., kand.med.nauk

Apparatus for exchange blood transfusion. Akt.vop.perel.krovi no.6:
327-329 '58.
(MIRA 13:1)

1. Otdel zagotovki krovi (zav. otdelom - starshiy nauchnyy sotrudnik
Ye.V. Antonova) Leningradskogo instituta perelivaniya krovi.
(BLOOD---TRANSFUSION)

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CHERNOVODIK, B. M.

Theory and calculation of gas generators for use in transportation Moskva, Gos. nauch.-tekhn. izd-vo mashinostroit. lit-ry, 1943. 175 p. (49-57889)

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PAGE 1 BOOK INFORMATION

S07/35/6

Moscow. Vsesoyuznyy nauchno-issledovatel'stvennyy institut naftoprochnogo transporta
Voprosy giloturbopravleniya i transpozatory toplesistem: shershnik stately
Transport in Gas Turbine Locomotive Building and Heat-Power Engineering in
(Text, Study, Typ., 1277 p., 10,000 copies printed.
Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'stvennyy institut naftoprochnogo
transporta.

Ed. (Whole page); Ye. T. Barsov, Candidate of Technical Sciences, and A.V.
Kaz'yany, Candidate of Technical Sciences; Ed. (Inside book); I.K. Ponomarev;
Tech. Ed.; N.A. Kostrov.

PURPOSE: This book is intended for engineering and technical personnel.

CONTENT: The book consists of 13 articles on the results of theoretical investigation
of gas turbine units with two-stage fuel combustion, and on theoretical and
laboratory investigations of air tank units and their components. Special features
of variable regimens of locomotive gas turbine engines and problems of fuel
economy in locomotive and stationary units are discussed. No personalities are
mentioned. References accompany some of the articles.

Bartoch, Yu. T., Candidate of Technical Sciences; Pilot Materials
in Clusters of Pipes

Ternushkin, A.M., Candidate of Technical Sciences. Cutting Edge of
Gas Turbine Units. Gostiny Dvor, Moscow, 1964.

Kaz'yany, A.V., Candidate of Technical Sciences; Ye. T. Barsov,
Candidate of Technical Sciences, and Ye. P. Shil'dov, Candidate of
Aerodynamic Investigation of Gas Turbine Locomotive Air Tank Engines

Klemin, L.V., Engineer. Determining Tolerances for the Disassembly
of Centrifugal Fuel Burners

Chernomordik, V.P., Engineer. Candidate of Technical Sciences. Cutting Edge
of a Turbine, Engineer. Influence of Technical Sciences and
the Combustion Process in a Motion Chamber

Pavlov, S.P., Candidate of Technical Sciences. Experimental Investigation
of Self-Ignition of Fuel in a Gas Turbine Engine

Petrenko, G.P., Engineer. Investigation and Selection of Types of
Steam Turbines for Small Electric Power Stations

Sapozhnikov, A.I., Engineer. Aerodynamics of Generator Gas Combustion in
a Jet-Divergent Pipe Box With Permeable Fuel Sheets

Shatalov, Ye. M., Engineer. Test Stand Results for a Gas Turbine Engine
in the Air Tank of a Gas Turbine Locomotive

AVAILABILITY: Library of Congress

200

SHELEST, Pavel Alekseyevich, kand.tekhn.nauk [deceased]; CHERNOMORDIK,
B.M., kand.tekhn.nauk, ratsenzent; KAS'YANOV, A.V., kand.tekhn.
nauk, red.; BAKENTSYAN, A.A., red.izd-vs; UVAROVA, A.F., tekhn.
red.; EL'KIND, V.D., tekhn.red.

[Free-piston gas generators] Bezval'nye generatory gazov.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960.
379 p.

(Gas producers)

(MIRA 13:11)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M., kand.tekhn.nauk

Combined gas turbine installations with divided air flows.
Energomashinostroenie 6 no.3:19-22 Mr '60.

(Gas turbines)

(MIRA 13:6)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M., kand.tekhn.nauk; ISAYEV,
L.A., inzh.

Use of free-piston gas generators for locomotive systems. Vest. TSNII
MPS 19 no.3:27-31 '60. (MIRA 13:10)
(Gas-turbine locomotives)

MAYZEL', L.M.; CHERNOMORDIK, B.M.

Prospects for the use of free-piston engines in gas transportation.
Gaz. prom. 4 no. 12:30-36 D '59. (MIRA 13:3)
(Gas, Natural--Pipelines) (Compressors)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M., kand.tekhn.nauk, dotsent

Mechanical and free-piston gas generators. Vest.mash. 41 no.8:17-23
Ag '61. (MIRA 14:8)

(Gas producers)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M., kand.tekhn.nauk

Characteristics of internal and hidden potentialities of a free-piston gas generator. Vest.mashinostr. 42 no.9:25-31 S '62.

(MIRA 15:9)

(Gas producers)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOGORODIK, B.M.. kand.tekhn.nauk

Basic prerequisites for selecting parameters of the experimental free-piston gas producer designed by the Central Research Institute of the Ministry of Railways Transportation and trends of further developments in this field. Izv.vys.ucheb.zav.; mashinostr. no.5: 5-17 '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhного transporta Ministerstva putey sobshcheniya.
(Gas producers)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M.

Development of a free-piston gas producer for transportation purposes.
Vest.TSNIIMPS 21 no.7:33-36 '62.
(Gas producers) (MIRA-15:12)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

KOSHKIN, V.K., doktor tekhn. nauk, prof.; MAYZEL', L.M., kand. tekhn. nauk; CHERNOMORDIK, B.M., kand. tekhn. nauk; KREPS, L.I., kand. tekhn. nauk, retsenzsent; CHAMOV, A.N., inzh., red.; SMIRNOVA, G.V., tekhn. red.

[Free-piston gas producers for gas-turbine units] Svobodnopor-
shnye generatory gaza dlia gazoturbinnikh ustanovok. Mo-
skva, Mashgiz, 1963. 289 p.
(Gas turbines) (Gas producers)

(MIRA 16:10)

MAYZEL', L.M., kand.tekhn.nauk; CHERNOMORDIK, B.M., kand.tekhn.nauk

Pressurization in multiple gas turbine units with free piston
gas generators. Energomashinostroenie 11 no.1:28-32 Ja '65.
(MIRA 18:4)

PA 12/49T26

CHERNOVORDIK, B. Ye.

Jul 48

USSR/Electronics
Regulators, Electronic
Circuits, Electronic

"The First Electronic Regulators for Electrical
Drive of Paper-Making Machines," V. D. Baryshnikov,
Engr, B. Ye. Chernomordik, Engr ('Sebzapelektron-
montazh'), 4 pp

"West Elektro-Prom" No 7

Describes electronic regulators, giving design
principles and trial results. Gives static
characteristics and three circuit diagrams.

12/49T26

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOVODIK, D.

Effectiveness of capital investments and the time factor. Vop. ekon.
no.1:122-131 Ja '62. (MIRA 15:1)
(Capital investments)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOGRDIK, David Iosifovich

Ekonomicheskaiia politika SSSR. (The economic policy of the U.S.S.R.) Moskva, Gos. ekon. izd-vo, 1936. 383 p.

Bibliographical foot-notes.

"Bibliographical foot-notes." "Previous developments in 1928-1935. Includes river, sea and auto transportation."

"Reviews developments in 1928-1933. Emphasizes the situation in the second five-year plan

Transportation in the second

(p. 292-307) DEG. 1899.1.1

(S. 272-587)

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

CHERNOVODIK, D. []

Rol' transporta v razvitiu proizvoditel'nykh sil strany, (The role of transportation in the development of the productive forces of the country). (Zheleznod. transport, 1947, no. 11, p. 23-31).

DLC: HE7.Z5

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOVODIK, D. [i.]

26834. CHERNOVODIK, D. - Effektivnost' kapital'nyka vlozheniy I teoriya
vosprievodstva. Voprosy ekonomiki, 1949, No. 6, S 78-95

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308520016-6

CHERNOGORDIK, D. I.

**"Accounting on a Commercial Basis as a Method of Management," Iz. Ak. Nauk SSSR,
Otd. ekon. i prava, No.3, 1952**

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308520016-6"

CHERNOMOFRDIK, D. I.

Zheleznodorozhnyye Gryzovyye Tarify SSSR. [Railroad freight rates of the USSR]
Moskva, Izd-vo Akademii Nauk SSSR, 1953. 182 p. tables.

N/5
755.9
.05

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOGORODIK, D.

Business accounting as an economic category. Vop.ekon.no.8:75-83
Ag '56. (Industrial management) (MIRA 9:9)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

Chernomordik, D. I.

293

PHASE I BOOK EXPLOITATION

Gibshman, A. Ye., Danilov, S. K., Dmitriyev, V. I., Korneyev, A. I.,
Tverskoy, K. N., Umbliya, V. E., Khanukov, Ye. D., Chernomordik, D. I.,
Chudov, A. S., Shil'nikov, N. S.

Ekonomika transporta (The Economics of Transportation) 2d rev.
ed. Moscow, Transzheldorizdat, 1957. 711 p. 30,000 copies
printed.

Ed.: Krishtal', L. I., Tech. ed.: Khitrov, P. A.

PURPOSE: This textbook is intended for students in engineering-economic branches of Railway Transportation Institutes, as well as for railway workers engaged in the independent study of railway economics.

COVERAGE: The economic aspects of railway transportation are discussed in this textbook. It covers such subjects as technical-economic problems, the most efficient way to use available facilities, methods for planning and organizing various branches of transportation operations and production, wages costs, finances and business accountability (khozraschet).

See card for Gibshman, A. Ye., for abstract.

CHERNOGORODIK, David Iosifovich, prof., doktor ekon. nauk; KOLTUNOVA, M.P.,
red.; BOBROVA, Ye.N., tekhn. red.

[Business accounting for Soviet railroads; problems in theory
and practice] Khoziaistvennyi raschet na zheleznykh dorogakh
SSSR; nekotorye voprosy teorii i praktiki. Moskva, Gos. transp.
zhel-dor. izd-vo, 1958. 193 p. (MIRA 11:9)
(Railroads—Accounting)

CHERNOVODIK, D.

Problems of transportation costs ("Railroad freight costs" by
E.V. Mikhal'tsev. Reviewed by D. Chernomordik). Vop. ekon.
no.8:124-127 Ag '58. (MIRA 11:9)
(Railroads--Freight)
(Mikhal'tsev, E.V.)

KOLGANOV, Mikhail Vasil'yevich; CHERNOMORDIK, D.I., red.

[National income of the U.S.S.R.] Narodnyi dokhod SSSR. Pod
red. D.I.Chernomordik. Moskva, Gos.sotsial'no-ekon.izd-vo,
1940. 109 p. (MIRA 14:1)
(Income)

VINOGRADOV, Aleksandr Nikolayevich; CHERNOMORDIK, D.I., prof., retsenzent;
PETROV, A.I., red.; USENKO, L.A., tekhn. red.

[Why it is necessary to have separate accounting in every railroad
department] Zachem nuzhen uchet v kazhdom zhelezodorozhnom pred-
priatii. Moskva, Vses. izdatel sko-poligraf. ob"edinenie M-va
putei soobshcheniya, 1961. 49 p.
(Railroads—Accounts, bookkeeping, etc.) (MIRA 14:10)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOMORDIK, G. I.

Proekt novykh pravil proektirovaniia zheleznykh dorog. [Draft of new rules for railroad projecting]. (Sts. transport, 1936, no. 7, p. 27-49).

DLC: HE7.S6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHER NOMORDIK, G. I.

Tekhniko-ekonomicheskie obosnovaniia norm proektirovaniia novykh zheleznykh dorog.
[Technical-economic basis for project standards of new railroad construction].
[Redaktory: I. T. Efimov i G.Z. Vertsman]. Moskva, Gos. transp. zhel-dor, izd-vo,
1948. 151 p. diagrs. "Useful engineering book combined with experimental data..."

DLC: TF210.05

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOVORDIK, G. I.

PA 2/49T40

USSR/Engineering
Railroads - Signals

Apr 48

"Comparison of Variations of Railroad Equipment,"
G. I. Chernomordik, Dr Tech Sci, 4 pp

"Tekh Zhel Dor" No 4

Applies mathematical cost-accounting methods
to determination of capital and other
expenditure involved in adoption of variants.
Tables show costs of various systems of auto-
matic block signalling.

2/49T40

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOVORDIK, G.I., doktor tekhnicheskikh nauk, professor.

Weight of trains in planning railroads. Trudy TSNIS no.12:5-37
'54. (MIRA 9:2)

(Railroad engineering)

CHERNOGORODIK, G.I., prof., doktor tekhn. nauk

Make small-radius curves less sharp. Zhel. dor. transp. 37 no.8:
61-64 Ag '55, (MIRA 12:8)
(Railroads--Curves and turnouts)

Chernyshov D.K. G.F.

BENESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, N.M., kandidat tekhnicheskikh nauk; BYKOV, Ye.I., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSEVSKIY, M.Ye., inzhener; GRUBER, L.O., inzhener; GURVICH, V.G., inzhener; DAVYDOV, V.N., inzhener; YER-SHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVANOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KROTOV, L.B., inzhener; LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., inzhener; MARKEVARDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh nauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.N., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PERTSOVSKIY, L.M., inzhener; POPOV, I.P., inzhener; PORSHNEV, B.G., inzhener; RATNER, M.P., inzhener; ROSSIYEVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]; TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.M., professor, doktor tekhnicheskikh nauk; CHERNYSHEV, M.A., doktor tekhnicheskikh nauk; EBIN, L.Ye., professor, doktor tekhnicheskikh nauk; YURENIN, B.N., dotsent; AKSENOV, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL'SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BERNGARD, K.A., kandidat tekhnicheskikh nauk; BOROVOY, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., inzhener; BOGDANOV, N.K., kandidat tekhnicheskikh nauk; VINNICHENKO, N.G., dotsent, kandidat ekonomicheskikh nauk;

(Continued on next card)

BENESHEVICH, I.I.----(continued) Card 2.

VASIL'YEV, V.P.; GONCHAROV, N.G., inzhener; DKRIBAS, A.T., inzhener; DOBROSEL'SKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH, B.A., kandidat tekhnicheskikh nauk; YEFIMOV, G.P., kandidat tekhnicheskikh nauk; ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZARELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P., kandidat tekhnicheskikh nauk; KARETNIKOV, A.D., kandidat tekhnicheskikh nauk; KAPLUN, F.Sh., inzhener; KANSHIN, N.D.; KOCHREV, F.P., professor, doktor tekhnicheskikh nauk; KOGAN, L.A., kandidat tekhnicheskikh nauk; KUCHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener; MAKSIMOVICH, B.M., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV, M.S., inzhener; MEDVEL', O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELEYEV, P.I., kandidat tekhnicheskikh nauk; PETROV, A.P., professor, doktor tekhnicheskikh nauk; POVOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk; SERGEEV, Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh nauk; SIMANOVSKIY, M.A., inzhener; SUYAZOV, I.G., inzhener; TALDAYEV, F.Ya., inzhener; TIKHONOV, K.K., kandidat tekhnicheskikh nauk; USHAKOV, N.Ya., inzhener; USPENSKIY, V.K., inzhener; FEL'DMAN, E.D., kandidat tekhnicheskikh nauk; FERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor, doktor tekhnicheskikh nauk; SHAMAYEV, M.F., inzhener; SHAFIRKIN, B.I., inzhener; YAKUSHIN, S.I., inzhener; GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.F., dotsent kandidat tekhnicheskikh

(Continued on next card)

BENESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MARKOV, M.V., inzhener, redaktor; KALININ, V.K.,
inzhener, redaktor; STEPANOV, V.N., professor, redaktor; SIDOROV, N.I.,
inzhener, redaktor; GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk,
redaktor; ROBEL', R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii
spravochnik zheleznodorozhnika. Moskva, Gos. transp.zhel-dor. izd-vo.
Vol.10. [Electric power supply for railroads] Energosнabzhenie zhelez-
nykh dorog. Otv.red. toma K.G.Markvarid. 1956. 1080 p. Vol.13.
[Operation of railroads] Ekspluatatsiya zheleznykh dorog. Otv. red.
toma R.I.Robel'. 1956. 739 p. (MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov)
(Electric railroads) (Railroads--Management)

CHERNOGORODIK, G.I., professor, doktor tekhnicheskikh nauk; STANISLAVYUK, V.L., kandidat tekhnicheskikh nauk.

Problems of increasing the speed of freight train movement. Zhel. dor.transp. 37 no.6:30-34 Je '56. (MLRA 9:8)
(Railroads--Management)

CHERNOVORDIK, G.I., professor, dektor tekhnicheskikh nauk.

Increasing train weight and problems of lengthening station tracks.
Zhel. dor. transp. 39 no.3:58-62 Mr '57. (MLRA 10:4)
(Railroads--Stations) (Railroads--Train load)

Chernomordik, G.I.

~~CHERNOMORDIK, G.I., prof., doktor tekhn. nauk; PAVLOV, A.I., inzh.~~

Problems of organizing the movement of high-speed freight trains.
Trudy MIIT no.86:43-73 '57. (MIRA 11:1)
(Railroads--Management)

CHERNOMORDIK, G. I.
KOCHNEV, Fedor Petrovich, prof., doktor tekhn. nauk; MAKSIMOVICH, Boris
Mikhaylovich; POMERANTSEV, Vladimir Vladimirovich; TIKHONOV,
Konstantin Kuz'mich; CHERNOMORDIK, Georgiy Il'ich; DLUGACH, B.A.,
kand. tekhn. nauk, red.; PRIGOROVSKIY, B.F., inzh., red.;
KHITROV, P.A., tekhn. red.

[Traffic management in railroad transportation] Organizatsiya
dvizheniya na zheleznyodorozhnom transporte. Pod obshchei red.
F.P. Kocheneva. Moskva, Gos. transp. zhel-dor. izd-vo, 1958.
491 p.

(MIRA 11:10)

(Railroads—Traffic)

CHERNOVORDIK, G.I., prof., doktor tekhn.nauk

Operational requirements for selecting capacities of electric and
diesel locomotives used in hauling freight. Zhel. dor. transp.
40 no.9:40-45 S '58. (MIRA 11:10)
(Locomotives)

KOCHNEV, F.P., doktor tekhn.nauk; CHERNOMORDIK, G.I., prof., red.;
KATSMAN, A.B., red.; GAVRIN, P.N., tekhn.red.

[Present-day problems in the organization of railroad passenger
transportation] Sovremennye problemy organizatsii passazhirskikh
perevozok na zhelezodorozhnom transporte. Pod red. G.I.Cherno-
mordika. Moskva, Vses.in-t nauchn.i tekhn.informatsii, 1959.
93 p. (MIRA 13:10)

(Railroads--Passenger traffic)

~~CHERNOMORDIK, Grigorij Il'ich; RYVKIN, Yuliy Yefimovich; Prinimali
uchastiye: USLAKOV, S.S.; GORONIMUS, B.Ye.. GORODNICHEV, N.G.,
red.; BOBROVA, Ye.N., tekhn.red.~~

[Fundamentals of designing railroads with electric and diesel
traction] Osnovy proektirovaniia zheleznykh dorog s elektri-
cheskoi i teplovoznoi tsiagoi. Moskva, Gos.transp.isd-vo, 1959.
327 p. (MIRA 12:12)

(Railroad engineering)

CHER NOMORDIK, G.I., doktor tekhn.nauk, prof.

Evaluating the acceleration of car turnover and freight delivery
in railroad transportation. Trudy MIIT no. 113:189-197 '59.
(MIRA 14:5)

(Railroads—Freight)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOGORIK, G.I., prof., doktor tekhn. nauk; MAKSIMOVICH, B.M., kand. tekhn.
nauk

Some considerations concerning the improvement of the train sheets.
Zhel. dor. transp. 41 no.10:44-48 0 '59. (MIRA 13:2)
(Railroads--Traffic)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOMORDIK, G.I., prof., red.; AL'TERMAN, S.L., red.; MEDVEDEVA,
M.A., tekhn.red.

[Problems of the operation of railroads] Voprosy ekspluatatsii
zheleznyodorozhnogo transporta. Pod obshchei red. G.I.Chernomordika.
Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniya,
1960. 291 p. (MIRA 13:10)

1. Akademiya nauk SSSR. Institut kompleksnykh transportnykh problem.
(Railroads--Management)

POVOROZHENKO, Vladimir Vasil'yevich, prof., doktor tekhn.nauk;
KOSTENKO, Ivan Georgiyevich, kand.tekhn.nauk; MAKHOTKIN,
Nikolay Aleksandrovich, inzh.; RUMYANTSEV, Sergey Mikhay-
lovich, inzh.; PARAKHONSKIY, Boris Mikhaylovich, kand.ekon.
nauk; SOLOV'IEV, Ivan Fomich, kand.tekhn.nauk; BAKAYEV,
V.G., doktor tekhn.nauk, red.; CHERNOMORDIK, G.I., doktor
tekhn.nauk, nauchnyy red.; IRKHIN, A.P., kand.tekhn.nauk,
nauchnyy red.; KUDRYAVTSEV, A.S., doktor ekon.nauk, nauchnyy
red.; GLADTSINOV, B.N., kand.tekhn.nauk, nauchnyy red.;
BYGEL', I.Yu., red.; LAVRENOVA, N.B., tekhn.red.

[Transportation in the U.S.S.R.] Transport SSSR. Pod
obshchel red. V.G.Bakaeva. Moskva, Izd-vo "Morskoi transport,"
1960. 536 p. (MIRA 13:7)

(Transportation)

CHERNOMORDIK, G.L., prof.; KOZLOV, I.T., inzh.; KOZIN, B.S., inzh.

Using analytical methods for determining the sectional speed
of trains. Transp.stroi. 10 no.1:44-47 Ja '60.
(MIRA 13:6)

(Railroads--Train speed)

CHERNOMORDIK, G.I. prof.doktor tekhn.nauk

Possibilities of further speeding up passenger traffic. Zhel.
dor.transp. 42 no.6:16-20 Je '60. (MIRA 13:7)
(Railroads—Passenger traffic)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOMORDIK, G.I., prof.; KOZIN, B.S., inzh.; KOZLOV, I.T., inzh.

Economically expedient traffic limitations on single-and
double-track railroads lines. Transp. stroi. 10 no. 12:46-
50 D '60. (MIRA 13:12)

(Railroads--Traffic)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOGORODIK, G.I., doktor tekhn.nauk, prof.; KLIGMAN, V.V., kand.tekhn.nauk

Order of application of measures for increasing the traffic and
loading capacity of single-track lines. Trudy MIIT no.137:122-141
'61, (MIRA 15:1)

(Railroads--Traffic)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6

CHERNOGOROV, G.I., prof., doktor tekhn.nauk

Some problems in the construction of new railroads. Zhel.-dor.
transp. 43 no.9:19-25 S '61. (MIRA 14:8)
(Railroads—Construction)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHER NOMORDIK, G.I., prof.; MOGILA, V.P., inzh.

Selecting the optimum speed level and ratio of freight and passenger trains. Vest.TSNII MPS 21 no.4:38-43 '62. (MIRA 15:6)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Railroads--Train speed)

CHERNOGORODIK, G.I., prof., doktor tekhn. nauk

Ways of increasing the speed of traffic. Zhel. dor. transp.
45 no. 4:60-64 Ap '63. (MIRA 16:4)

(Railroads—Train speed)

CHERNOMORDIK, G.I., prof.

Determination of the economic efficiency of capital investments. Transp. stroi. 12 no.1:32-35 Ja '62.
(MIRA 17:2)

L 18026-66 EWT(m)/T WE
ACC NR: AP6007672

(A)

SOURCE CODE: UR/0413/66/000/003/0043/0043

45

B

INVENTOR: Butkov, N. A.; Markus, G. A.; Tlyustangelova, M. V.; Ozerskiy, G. M.; Chernomordik, Ye. Ya.; Sukharev, Ye. I.; Smirnov, A. M.; Bakhmutskaya, A. P.

ORG: none

TITLE: Additive to heavy fuels. Class 23, No. 178438

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43

TOPIC TAGS: fuel additive, iron containing fuel additive

ABSTRACT: An Author Certificate has been issued for an additive to heavy fuels which consists of coking waste products (naphthalene homologs and nitrogen bases). To increase the effectiveness of the additive, it is formulated to include organoiron compounds in amounts such that the additive's ash content be 0.8 to 1.5% expressed as Fe_2O_3 . The organoiron compounds used are prepared by treatment with sodium hydroxide and ferric chloride of the residue from coal phenol rectification. (SMI)

SUB CODE: 21/ SUBM DATE: 31Dec64/ ATD PRESS: 4A12

Cord 1/1 vmb

UDC: 62-634.2

Z

22930
S/123/61/000/008/001/013
A004/A104

15-8500

AUTHOR: Chernomordik, M.Ye.

TITLE: Strength characteristics of poly ester glass plastics

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 8, 1961, 22, abstract
8A181 ("Tr. Leningr. in-ta vodn. transp.", 1960, no. 6, 61 - 67)

TEXT: The author presents the results of investigations to determine the physical-mechanical properties of poly ester glass plastics during tension, compression, bending, shear and cleavage. The tests were carried out with specimens having 3 kinds of reinforcing material: 1) "Steklomat"; 2) glass fabric ("steklotkan"), 3) alternate layers of "steklomat" and glass fabric. The physical-mechanical properties of glass plastics reinforced by glass fabric and alternate layers of glass fabric and "steklomat" were determined in three directions: longitudinally, transversely and at an angle of 45° to the base of the reinforced glass fabric. It was found that material reinforced by glass fabric operates much worse on compression than on tension, the compression strength not depending on the direction of force application. Poly ester glass plastics, independent of the

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A004/A104

Strength characteristics of poly ester glass plastics

kind of reinforcement, are submitted to the Hooke law. The modulus of elasticity of poly ester glass plastics during tension is 15-25 times lower than that of steel. σ_b' during compression of glass plastics reinforced by glass fabric is considerable lower than σ_b' during tension. There are 3 figures.

G. Mekhed

[Abstracter's note: Complete translation]

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CIA-RDP86-00513R000308520016-6

CHERNOVODIK, M.Ye., inzh.

Determining the width of an added strip of plastic girders consid-
ering the material's anisotropy. Sudostroenie 28 no.2:16-17 F
'62. (MIRA 15:3)

(Hulls (Naval architecture))

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000308520016-6"

CHERNOMORDIK, M.Ye., inzh.

Strength characteristics of polyester glass reinforced plastics.
Trudy LIVT no.6:61-67 '60. (MIRA 15:3)
(Shipbuilding-Supplies) (Glass reinforced plastics)

CHERNOVODIK, P.M.; VISHEVNIK, B.Z.; VOLKOVA, A.G.; MOSKVINA, R.I.;
KUGARO, YU.V.; BAVAL'SKAYA, N.M.

Clinical treatment with proserine of chronic diseases of the nervous system. Nevropat.psikhiat., Moskva 20 no.1:68-70 Jan-Feb 51.
(CIML 20:6)

1. Of the Nerve Division of the Hospital for Chronic Cases imeni Karl Marks (in consultation with S.N.Davidenkova, Active Member of the Academy of Medical Sciences USSR).

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S/079/60/030/010/026/030
B001/B066

158107

AUTHORS: Shpital'nyy, A. S., Kharit, Ya. A., Chernomordik, R. B.,
and Kulakova, D. G.TITLE: Formation of Polyamide Resins. XI. Synthesis of
Polyamides by Interfacial PolycondensationPERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 10,
pp. 3430 - 3434

TEXT: According to the interfacial polycondensation described in Ref.1, polyamides of the nylon type 66 and perlon type are now synthesized from diamines, dicarboxylic acids, or caprolactams, while polyurethans are synthesized from diisocyanates and glycols. Dicarboxylic acid is replaced by its acid chloride, and instead of diisocyanates and glycols it is possible to use the chlorocarbonic acid esters of glycols and diamines (Ref.2). Polymers of high molecular weight are quickly obtained by interfacial polycondensation at a fairly low temperature. As this method had also been used for the synthesis of polyamides, which has been earlier studied by the authors, they checked their theory of the formation

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Formation of Polyamide Resins. XI. Synthesis S/079/60/030/010/026/030
of Polyamides by Interfacial Polycondensation B001/B066

of polyamides through interfacial polycondensation, taking into account the effect of the structure of the initial compound on the reaction carried out. In interfacial polycondensation carboxylic acids are replaced by acid chlorides. It is to be assumed that the substitution of chlorine for the hydroxyl group of the carboxyl and the impossibility of dissociation increases considerably the electrophilic activity of the carbon atom of the carboxyl group. The smooth course of reaction at room temperature can only be explained in this way, while in other cases amidation requires high temperatures. The reaction scheme of amidation through interfacial polycondensation is not assumed to differ from the schemes given. Therefore, amidation is expected to take place according to the given scheme (Refs. 3,5). The various kinds of amidation indicate that the activity of the functional groups influences the reaction rate considerably (Refs. 3 and 4). Consequently, the mechanisms of ordinary amidation do not differ from those of the above-mentioned amidation. The low polyamide yield of interfacial polycondensation can be raised by increasing the number of carbon atoms in the acid chloride, or by replacing a linear component by a cyclic one (in certain cases, viscosity is also increased). The further investigation of the reaction

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